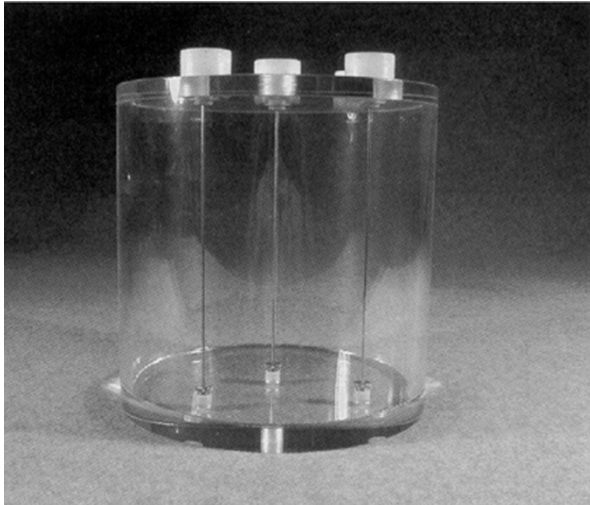


NEMA SPECT Triple Line Source Phantom™



NEMA SPECT Triple Line Source Phantom™

NEMA Triple Line Source Phantom™

Model ECT/NEM-TRI/P

Main Features:

- The NEMA SPECT Triple Line Source Phantom™ is designed in accordance with the recommendations by the National Electrical manufacturers Association (NEMA) to standardize the measurement of reconstructed spatial resolution of SPECT*

Main Applications:

- Acceptance testing with NEMA standard
- Center-of-rotation error evaluation
- Evaluation of changes of radius-of-rotation on spatial resolution
- Quantitative evaluation of reconstruction filters and scatter compensation methods
- Research

Specifications:

Material clear is PMMA

Cylinder outside diameter: 22.2 cm

Cylinder inside diameter: 20.2 cm

Cylinder outside height: 23.8 cm

Cylinder inside height: 20.0 cm

Diameter of line sources: ~ 1 mm

Spacing of Line Sources: 7.5 cm

Useful Height of Line Sources: 18.4 cm

* *Performance Measurements of Scintillation Cameras*, NEMA Standards Publication No. NU 1, National Electrical Manufacturers Association (NEMA), Washington, D.C., 2007.